

(No Model.)

2 Sheets—Sheet 1.

J. A. PETERSON & G. SODERSTROM.

COMBINATION BED AND SOFA.

No. 570,563.

Patented Nov. 3, 1896.

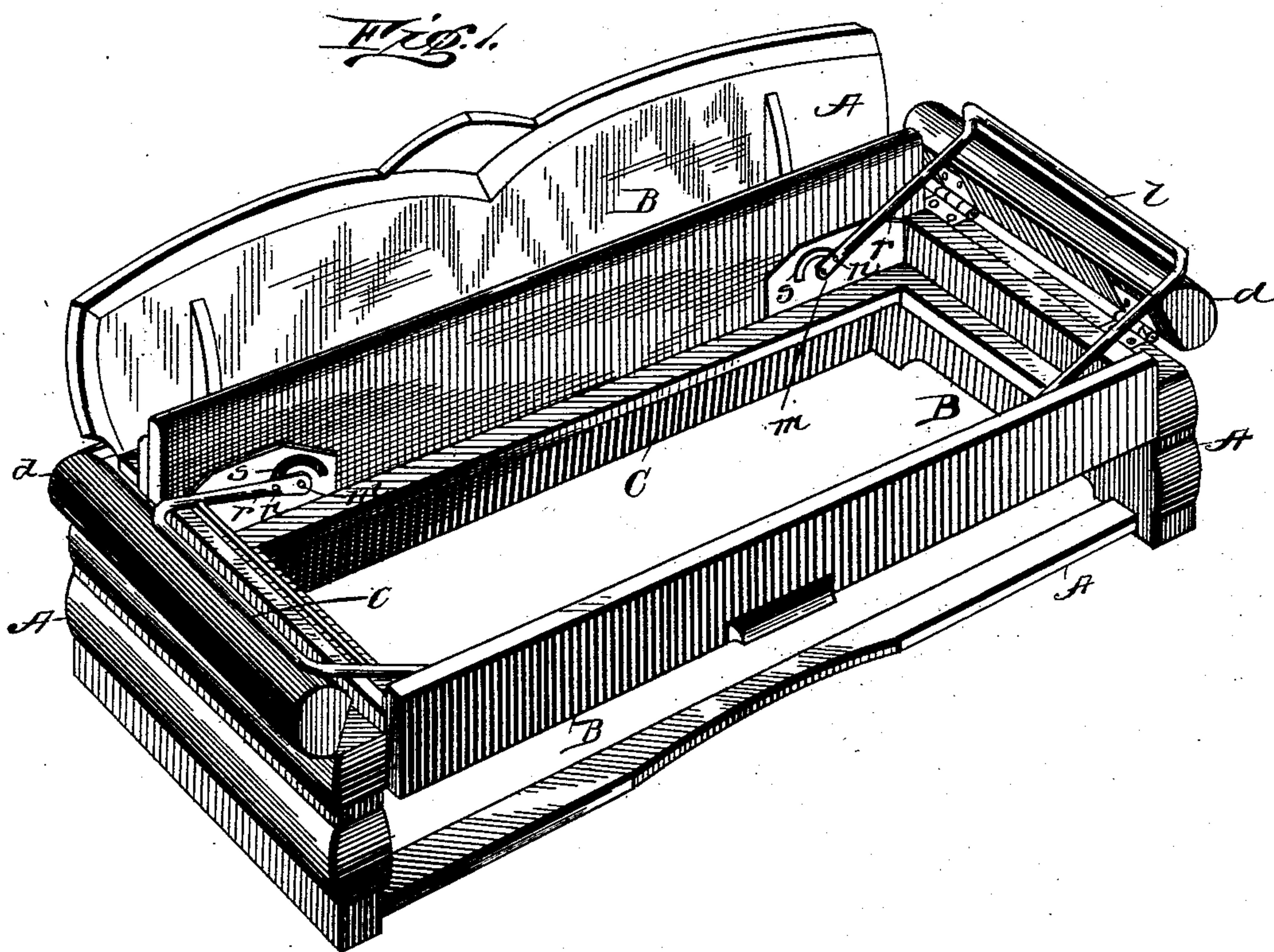


Fig. 3

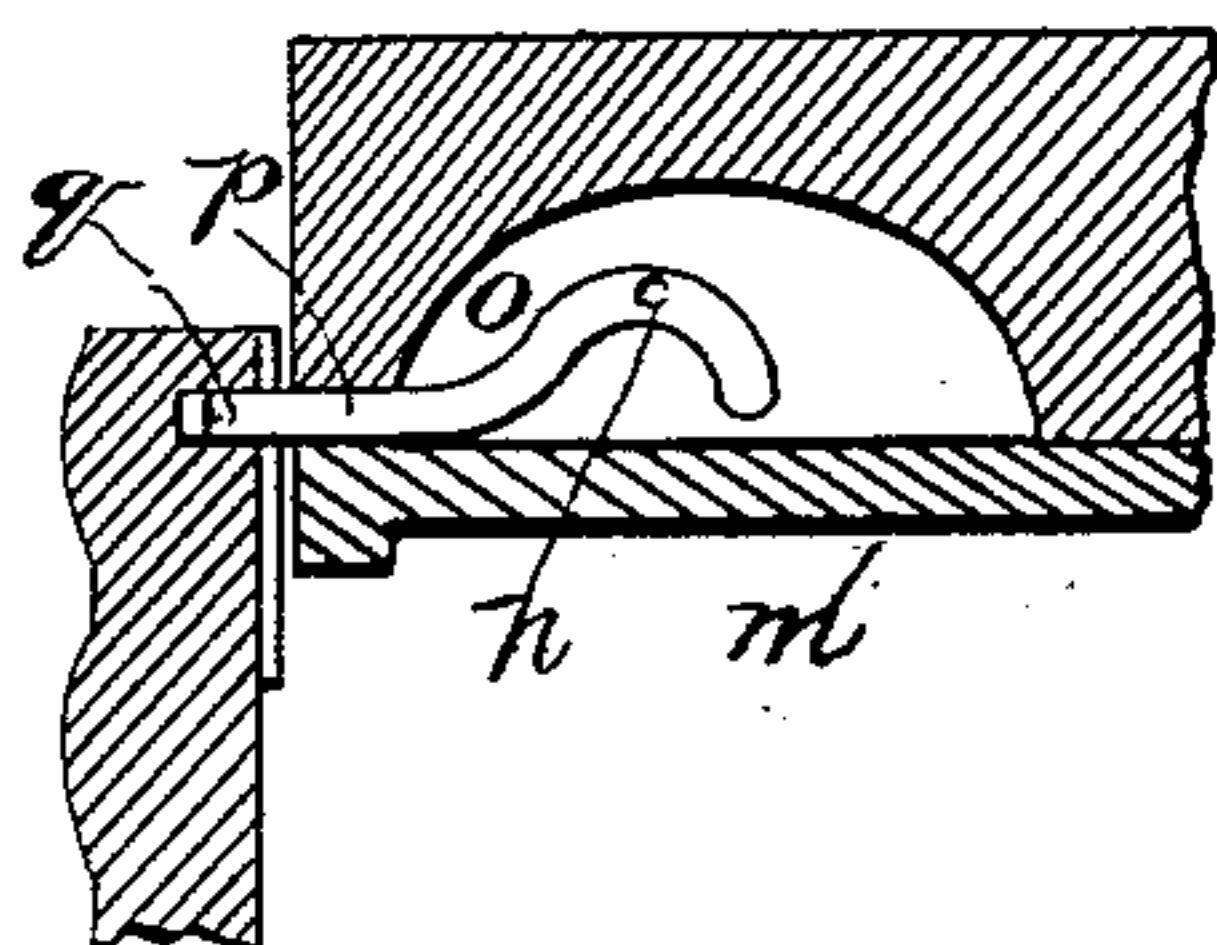
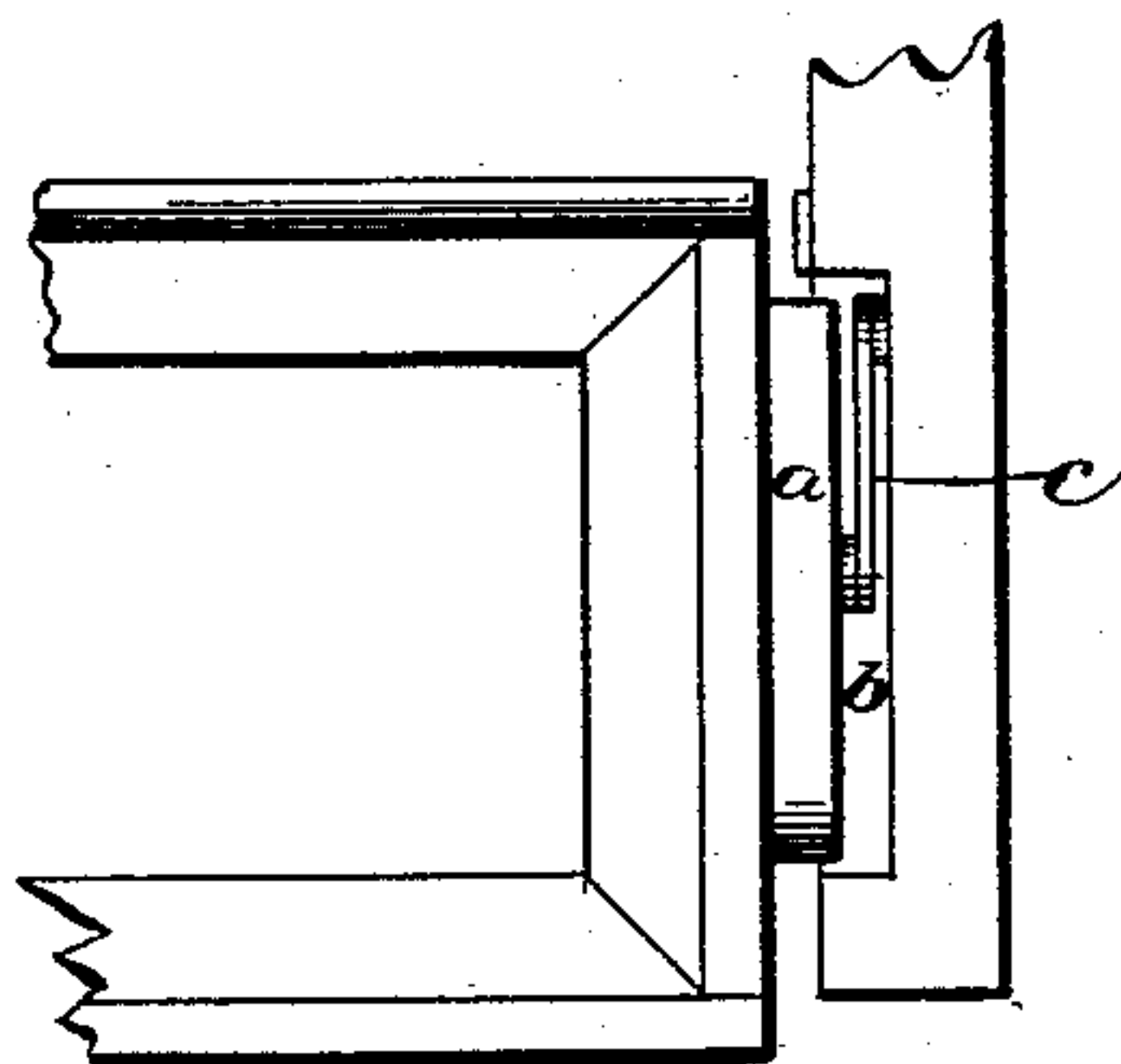


Fig. 4



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(No Model.)

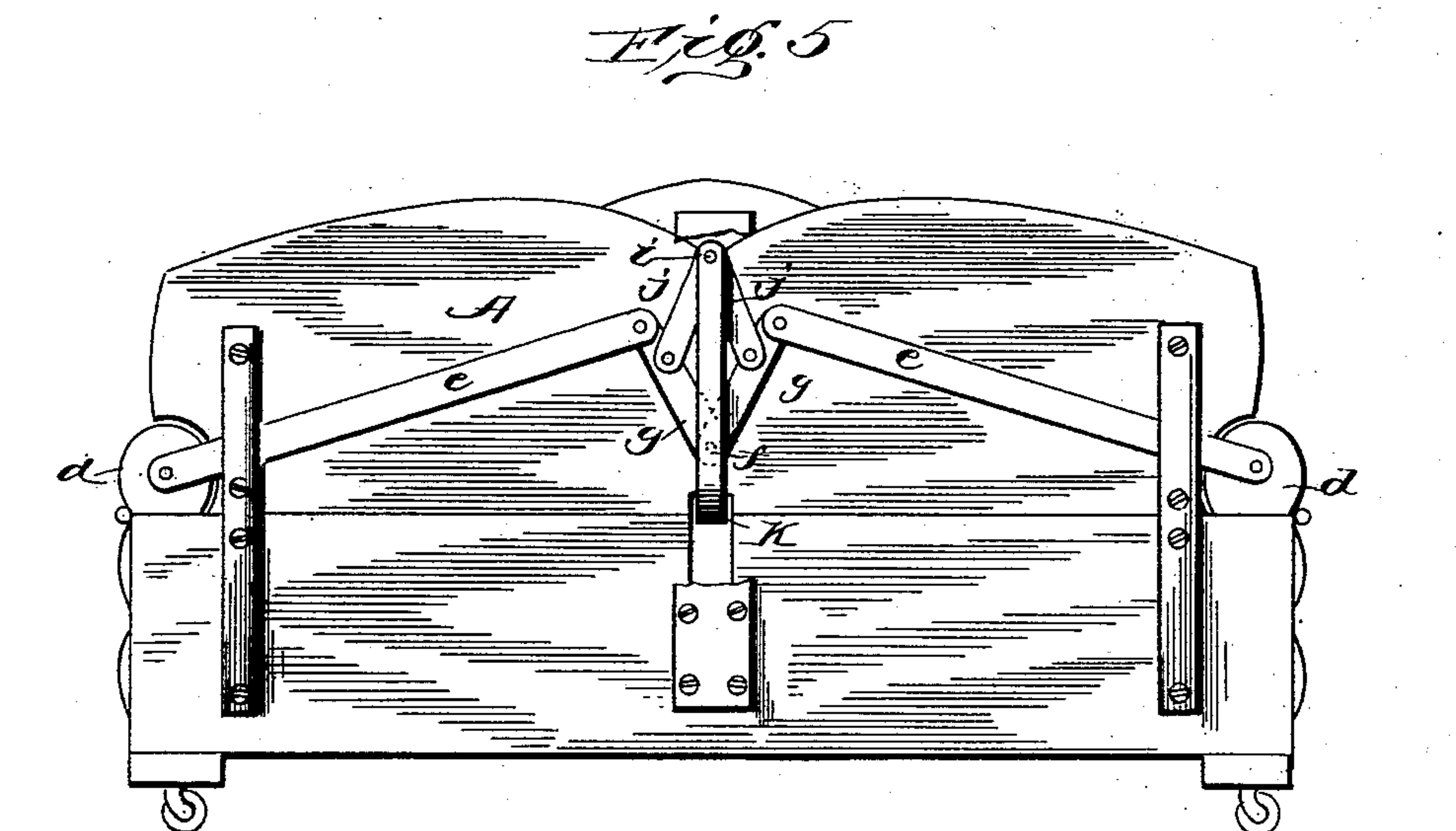
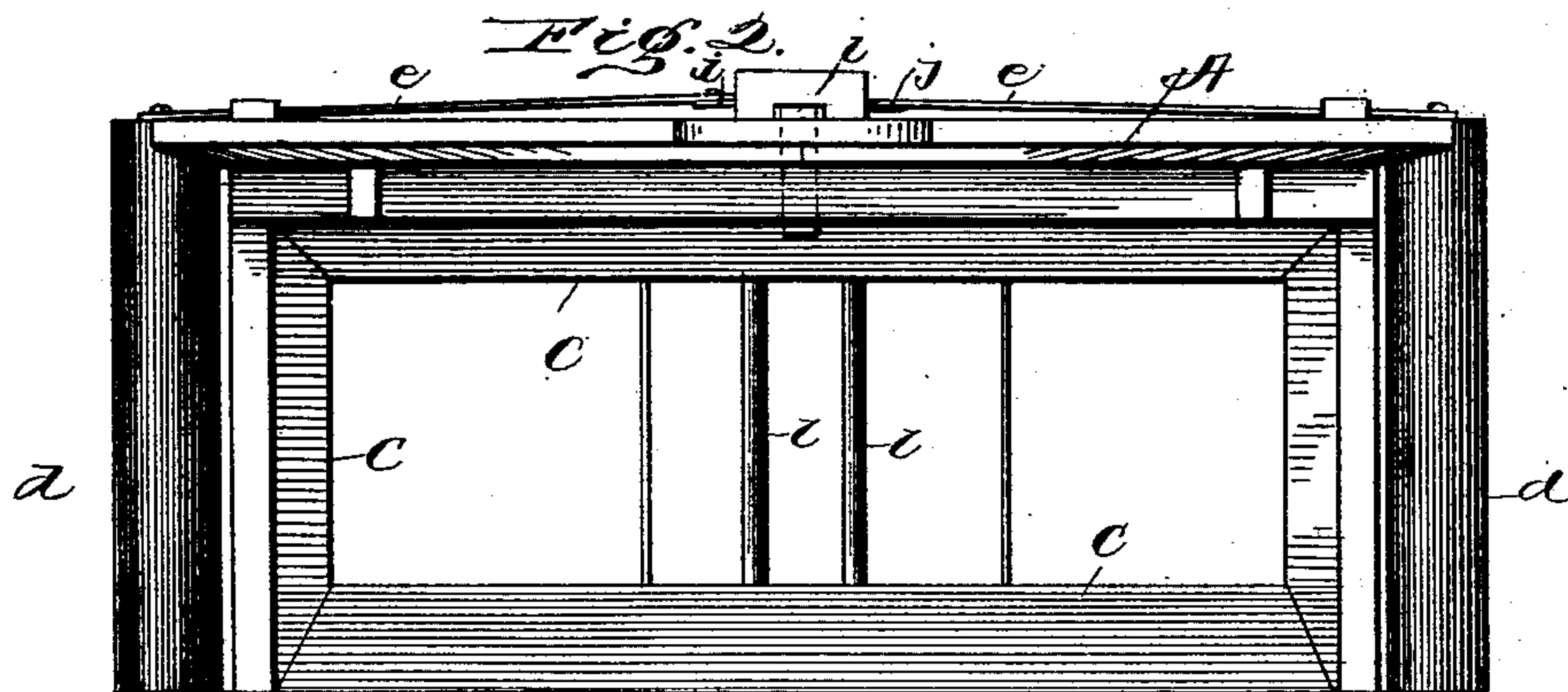
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*J. A. Peterson  
Gus Soderstrom*

*witnesses:*

*J. M. Fowler  
Chas. B. Beecher*

*Inventors*

*By William M. Laughlin  
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# UNITED STATES PATENT OFFICE.

JOHN A. PETERSON AND GUS SODERSTROM, OF STURGIS, MICHIGAN.

## COMBINATION BED AND SOFA.

SPECIFICATION forming part of Letters Patent No. 570,563, dated November 3, 1896.

Application filed April 18, 1896. Serial No. 588,082. (No model.)

*To all whom it may concern:*

Be it known that we, JOHN ANDREW PETERSON, a citizen of the United States, and GUS SODERSTROM, a subject of the King of Sweden and Norway, residing at Sturgis, in the county of St. Joseph and State of Michigan, have invented a new and useful Combination Bed and Sofa, of which the following is a specification.

Our invention relates to improvements in a combination bed and sofa in which by revolving an interior frame the device forms at will a bed or sofa, and has for its object to provide a strong, simple, and practical device easy to operate and durable in service.

To these ends our invention consists in the construction and combination of parts, as hereinafter described, and indicated in the claims.

Reference is to be had to the accompanying drawings, forming a portion of this specification, and the letters of reference marked thereon.

Figure 1 is a perspective view of the device as a bed. Fig. 2 is a horizontal view as a sofa. Figs. 3 and 4 are detail views. Fig. 5 is a vertical view of the rear of the device as a sofa.

Similar letters indicate similar parts in all the views.

A is an ordinary sofa-frame consisting of a high back and two ends connected in front at the bottom by a wooden bar.

B is a rectangular frame, with ends and front of equal dimensions, and sits loosely in A, in which it revolves. The back projects above the ends.

C is a rectangular frame firmly secured at a suitable depth inside of B to receive the supports for springs used to sustain the mattress and sofa-seat.

*a* are wooden blocks secured to the ends of B and resting in recesses *b*, cut to suitable dimensions in the ends of A and supporting B in A.

*c* are metallic bars pivoted at alternate ends in the blocks *a* and the adjacent sides of the recesses *b*, as shown in Fig. 4, forming a movable center on which the frame B can be raised and readily revolved in A.

*d* are head-rests, which may be upholstered, and are hinged to the tops of the ends of A and connected by pivots to metallic strips *e*, passing in the rear of the back of the frame

A, to which they are pivotally connected at *f* by the intervening pivoted strips *g*, which are also pivotally connected at *i* by the strips *j* to a step *k*, held in a guide *t* on the back of A, which actuates them and moves vertically in a slot cut in the back of frame A, through which it projects to a suitable distance in front thereof to engage the frame B, as shown in Fig. 5.

*l* are metal racks having the upper bars lying on the head-rest *d*. The lower ends of the side bars thereof are pivotally connected with the inside of the front and back of the frame B at *m*. The members of *l* which are connected with the back of frame B also pivotally engage at a suitable distance from *m* at *n* the inner ends of curved metal bars *o*, formed at the outer ends as bolts passing through slots *p* in the ends of B into coincident cavities in the ends of frame A to secure B in position. The bars *o* operate in cavities cut in the front sides of the back of frame B, which are covered with metal plates *r*, in which are semi-circular slots *s* to permit the movements of the pivots at *n*, connecting the inner members of the racks *l* with the bars *o*.

In operation, to convert the device from a bed to a sofa, the racks *l* are revolved forward and laid in the frame B, where they assist in confining the bedclothes. This motion withdraws the bolts, leaving B free to turn in A. The frame B is then revolved in A. The outer edge of the side of B engages the projecting step K, which is raised to the top of the slot in which it moves and to a level with the top of frame A and there retains B in position. The inner ends of the strips *e* are thereby elevated and draw the rests *d* downward and forward, being connected thereto at their outward ends. The elevated back of B closes the open front of the frame A, concealing the mattress and bedclothes, and the device becomes a compact neat sofa. It is obvious that a reversal of the movements thus described will rearrange the device into a bed.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. In a combination bed and sofa, the combination with rectangular frame A consisting of ends high back and wooden bar in front



connecting the ends at bottom recesses cut in the top of the ends thereof; of head-rests hinged to the tops of said ends metallic strips pivotally connecting said head-rests to the  
5 back of frame A, a slot therein a step moving vertically in and projecting through said slot and connected pivotally with said metallic strips and to said head-rests thereby, substantially as set forth.  
10 2. In a combination bed and sofa the combination with rectangular frame A of ends and high back with wooden bar in front connecting the ends at bottom recesses cut in the top of the ends thereof and head-rests hinged  
15 to said ends and pivotally connected by metallic strips to the back of frame A and to a step movable vertically in a slot and projecting through said back of frame A of the rec-

tangular frame B frame C inclosed therein and secured thereto, the blocks A attached to the  
20 ends of B and seated in said recesses b cut in the ends of frame A metallic bars pivoted alternately to said blocks and recesses and metallic racks pivoted on the inside of the front and back of said frame B and engaging on  
25 the inside of said back of frame B curved bars terminating in bolts at right angles thereto the cavities and slots cut in the said back of frame B and coincident apertures in the ends of frame A to receive said bolts  
30 substantially as described and set forth.

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Witnesses:

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